## State Environmental Planning Policy 65 - Design Quality of Residential Apartment Development <u>Assessment Table</u>

Design Quality	Response
Principle	
1. Context	The design of the proposed building is considered to respond and contribute to its context. The proposal is generally consistent with height requirements of the Growth Centres SEPP and the built form is appropriate for the location.
2. Built form and scale	No issues arise in terms of the scale of the proposal. The scale of the building is considered suitable for the locality and compares favourably to the commercial towers on the same site as well as the newly constructed commercial building on the opposite side of Oran Park Drive. The design generally achieves an appropriate built form for the site and the building's purpose, in terms of building alignments, proportions, type and the manipulation of building elements.
3. Density	The proposal results in a density appropriate for the site. The proposed density is considered to respond to the availability of infrastructure, public transport, internal community facilities and environmental quality.
4. Sustainability, resource, energy & water efficiency	The building is subject to the requirements of the supporting BASIX Certificate.
5. Landscape	A landscape plan was submitted with the proposal. The landscaping options are considered to be satisfactory.
6. Amenity	Generally, the proposal is considered to be satisfactory in this regard, optimising internal amenity through appropriate room dimensions and shapes, access to sunlight, natural ventilation, visual and acoustic privacy, storage, indoor and outdoor space, outlook, efficient layouts and service areas.
7. Safety & security	The proposal is considered satisfactory in terms of future residential occupants overlooking communal spaces. The proposal provides for adequate natural surveillance and access control.
8. Social dimensions/housing affordability	This principle essentially relates to design responding to the social context and needs of the local community in terms of lifestyles, affordability and access to social facilities and optimising the provision of housing to suit the social mix and provide for the desired future community. It is considered that the proposal satisfies these requirements, providing additional housing choice in close proximity to shops and public transport.
9. Aesthetics	The proposed development is considered to be appropriate in terms of the composition of building elements, textures, materials and colours.

Objective	Assessment	Achieved?
3A-1 Site Analysis  Site analysis illustrates that design decisions have been based on opportunities and constraints of the site conditions and their relationship to the surrounding context.	A site analysis was provided with the development proposal demonstrating the site constraints including the existing Podium Shopping Centre and existing town park.	Yes
3B-1 Orientation  Building types and layouts respond to the streetscape and site whilst optimising solar access within the development.	The residential component of the building has a north-south orientation to maximise solar access and address the main street entry and improve casual surveillance to the main pedestrian connection through the town centre.	Yes
3B-2 Orientation  Overshadowing of neighbouring properties is minimised during mid-winter.	Appropriate building separation distances have been provided for the future building proposed to the east of this development to minimise overshadowing.	Yes
3C-1 Public Domain Interface  Transition between private and public domain is achieved without compromising safety and security.	Ground level is retail with a separate entry foyer to appropriately differentiate public entries from private. Secure access will be required to private areas.	Yes
3C-2 Public Domain Interface  Amenity of the public domain is retained and enhanced.	All car parking is located below ground level. Entry to car parking areas is sleeved between buildings to reduce visual prominence.  All service areas are located in the basement or in the loading dock area. The loading dock area is screened by landscaping.	Yes
3D-1 Communal and Public Open Space  An adequate area of communal open space is provided to enhance residential amenity and to provide opportunities for landscaping.	Due to the size of the site only a portion of it is proposed to be used for residential purposes. It would be unreasonable for the proposal to comply with the 25% provision for communal open space.  The proposal delivers a total of 3,885m² of common open space, representing 7% of the total site (55,278m²). However, the larger site is predominantly proposed to be used as commercial rather than residential. Where the site is divided to represent only the areas proposed for residential use (including car parking areas) the site area is 15,054m² and communal open space represents 25.6% of the site.  There's a variety of different communal open spaces that are conducive to	Yes

	various activities including the first floor	
3D-1 Communal and Public Open Space - Design Criteria  Developments achieve a minimum of 50% direct sunlight to the principal usable part of the communal open space for a minimum of two hours between 9am and 3pm on 21 June (mid-winter).	terrace.  The communal areas provided are high quality, useable spaces and achieve the objectives of the control. The entire space achieves direct sunlight.	Yes
3D-2 Communal and Public Open Space  Communal open space is designed to allow for a range of activities, respond to site conditions and be attractive and inviting.	The vast space provided for communal open space allows for separate areas above the podium level that promote different uses of the spaces. Seating & shaded area is provided as well as children's play spaces for a variety of active & passive recreation activities to take place	Yes
3D-3 Communal and Public Open Space  Communal open space is designed to maximise safety.	All communal areas are provided above the podium level, increasing security to the space.  Residential units also overlook the space to allow for improved casual surveillance.	Yes
3D-4 Communal and Public Open Space  Public open space, where provided, is responsive to the existing pattern and uses of the neighbourhood.	The spaces provided are conducive to the envisaged Oran Park Town Centre patterns including the transition to the Town Park.	Yes
3E-1 Deep Soil Zones  Deep soil zones provide areas on the site that allow for and support healthy plant and tree growth. They improve residential amenity and promote management of water and air quality.	This control is not achievable as the retail component of this mixed-use development occupies 100% site coverage precluding the provision of deep soil zones.	NA
3E-1 Deep Soil Zones - Design Criteria  Deep soil zones are to meet the following minimum requirements:  Site area <650m² 7% of site area.  Site area 650m²-1,500m² Minimum dimensions of 3m and 7% of site area.  Site area >1,500m² Minimum dimensions of 6m and 7% of site area.  Site area >1,500m² with significant existing tree cover Minimum dimensions of 6m and 7% of site area.	The ADG outlines that: "Achieving the design criteria may not be possible on some sites including where:  • the location and building typology have limited or no space for deep soil at ground level (e.g. central business district, constrained sites, high density areas, or in centres)  • there is 100% site coverage or non-residential uses at ground floor level  Where a proposal does not achieve deep soil requirements, acceptable stormwater management should be achieved and alternative forms of planting provided such as on structure"  The proposal is considered to be of type outlined in the ADG where compliance is not possible. The proposal achieves appropriate stormwater management	NA

	and alternate forms of planting is	
	provided both on structure and at ground level.	
3F-1 Visual Privacy	All minimum building separation	Yes
or -r visual i livacy	distances are achieved.	163
Adequate building separation distances are		
shared equitably between neighbouring sites,		
to achieve reasonable levels of external and		
internal visual privacy.		
3F-1 Visual Privacy - Design Criteria	All minimum building separation distances are achieved.	Yes
Separation distance between windows and		
balconies is provided to ensure visual privacy	The subject site and adjacent sites are	
is achieved. Minimum requires separation distance from buildings to the side and rear	currently vacant, however, it is evident that the minimum distances will be	
boundaries are as follows:	exceeded once future development is	
22	established.	
Building up to 12m (4 storeys)		
6m between habitable rooms and balconies,		
3m between non-habitable rooms.		
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Building up to 25m (5-8 storeys)		
9m between habitable rooms and balconies, 4.5m between non-habitable rooms.		
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Building over 25m (9+ storeys)		
12m between habitable rooms and balconies,		
6m between non-habitable rooms.		
Separation distances between buildings on		
the same site should combine required building separations depending on the type of		
room.		
Gallery access circulation should be treated		
as habitable space when measuring privacy		
separation distance between neighbouring		
properties.	There are no units at ground level. All	Yes
3F-2 Visual Privacy	units with private open space adjacent	168
Site and building design elements increase	to communal spaces will be provided	
privacy without compromising access to light	with screening that is able to comply.	
and air and balance outlook and views from		
habitable rooms and private open space.		
3G-1 Pedestrian Access and Entries	Main entry off pedestrian footpath along new calmed street.	Yes
Building entries and pedestrian access		
connects to and addresses the public domain.		
3G-2 Pedestrian Access and Entries	Main entry is off the predominant street	Yes
	address to the north facing the new	
Access, entries and pathways are accessible	calmed street	
and easy to identify.	Cround lovel entry labby an anadire of	Vaa
3G-3 Pedestrian Access and Entries	Ground level entry lobby opens directly to the Town Park and designated	Yes
Large sites provide pedestrian links for access	pedestrian pathway that leads to civic	
to streets and connection to destinations.	precinct as well as the rest of the town	
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	centre and envisaged rail station to the	
	west.	
3H-1 Vehicle Access  Vehicle access points are designed and	Security door is located at carpark entry. The vehicular entry to the car park is located on Central Avenue to	Yes
located to achieve safety, minimise conflicts between pedestrians and vehicles and create high quality streetscapes.	minimise conflicts with pedestrians.	
3J-1 Bicycle and Car Parking	Complies	Yes
Car parking is provided based on proximity to public transport in metropolitan Sydney and centres in regional areas.		
3J-1 Bicycle and Car Parking - Design Criteria	The proposal complies with Council's minimum DCP car parking rates for residential flat buildings.	Yes
For development in the following locations:	-	
on sites that are within 800m of a railway station or light rail stop in the Sydney Metropolitan Area, or		
on land zoned, and sites within 400m of land zoned, B3 Commercial Core, B4 Mixed Use or equivalent in a nominated regional centre.		
the minimum car parking requirement for residents and visitors is set out in the Guide to Traffic Generating Developments, or the car parking requirement prescribed by the relevant council, whichever less.		
The car parking need for a development must be provided off-street.		
3J-2 Bicycle and Car Parking	Provided	Yes
Parking and facilities are provided for other modes of transport.		
3J-3 Bicycle and Car Parking	Security door is located at residential carpark entry.	Yes
Car park design and access is safe and secure.		
3J-4 Bicycle and Car Parking	Car park entries to retail and residential areas are located on different	Yes
Visual and environmental impacts of underground car parking are minimised.	frontages. All car parking entries are sleeved between the building to minimise visual impacts.	
3J-5 Bicycle and Car Parking	Basement car parking provided.	Yes
Visual and environmental impacts of on-grade car parking are minimised.		
3J-6 Bicycle and Car Parking	Basement car parking provided.	Yes
Visual and environmental impacts of above ground enclosed car parking area minimised.		

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4C-1 Ceiling Heights - Design Criteria	All units achieve minimum ceiling	Yes
Measured from finished floor level to finished ceiling level, minimum ceiling heights are:	heights for the various room types. Ground floor contains no residential units.	
Habitable rooms 2.7m.		
Non-habitable rooms 2.4m.		
Two storey apartments 2.7m for main living area floor.		
2.4m for second floor, where its area does not exceed 50% of the apartment area.		
If located in mixed use areas 3.3m for ground and first floor to promote future flexibility of use.		
4C-2 Ceiling Heights	Complies.	Yes
Ceiling height increases the sense of space in apartments and provides for well-proportioned rooms.		
4D-1 Apartment Size and Layout	Complies.	Yes
The layout of rooms within an apartment is functional, well organised and provides a high standard of amenity.		
4D-1 Apartment Size and Layout - Design Criteria	All minimum areas are achieved for the various unit types within the proposal.	Yes
Apartments are required to have the following minimum internal areas:		
One bedroom 50m².		
Two bedroom 70m².		
Three bedroom 90m².		
The minimum internal areas include only one bathroom. Additional bathrooms increase the minimum internal area by 5m² each.		
A fourth bedroom and further additional bedrooms increase the minimum internal area by 12m² each.		
Every habitable room must have a window in an external wall with a total minimum glass area of not less than 10% of the floor area of		

the room. Daylight and air may not be borrowed from other rooms.		
4D-2 Apartment Size and Layout	Complies.	Yes
Environmental performance of the apartment is maximized.		
4D-2 Apartment Size and Layout - Design Criteria	Complies in all units.	Yes
Habitable room depths are limited to a maximum of 2.5 x the ceiling height.		
In open plan layout (where the living, dining and kitchen are combined) the maximum habitable room depth is 8m from a window.		
4D-3 Apartment Size and Layout	Complies.	Yes
Apartment layouts are designed to accommodate a variety of household activities and needs.		
4D-3 Apartment Size and Layout - Design Criteria	All units comply.	Yes
Master bedrooms have a minimum area of 10m² and other bedrooms 9m² (excluding wardrobe space),		
Bedrooms have a minimum dimension of 3m (excluding wardrobe space).		
Living rooms or combined living/dining rooms have a minimum width of:		
One bedroom apartments 3.6m.		
Two or three bedroom apartments 4m.		
The width of cross-over or cross-through apartments are at least 4m internally to avoid deep narrow apartment layouts.		
4E-1 Private Open Space and Balconies	All units comply.	Yes
Apartments provide appropriately sized private open space and balconies to enhance residential amenity.		
4E-1 Private Open Space and Balconies - Design Criteria	All balconies comply.	Yes
All apartments are required to have primary balconies as follows:		
One bedroom apartments 8m² with a minimum depth of 2m.		

Two bedroom apartments		
10m <sup>2</sup> with a minimum depth of 2m.		
Mar a minimum dopur or Zim		
Three+ bedroom apartments		
12m² with a minimum depth of 2.4m.		
4E-2 Private Open Space and Balconies	Complies.	Yes
Primary private open space and balconies are		
appropriately located to enhance liveability for residents.		
	Complies	Yes
4E-3 Private Open Space and Balconies	Complies.	res
Private open space and balcony design is		
integrated into and contributes to the overall		
architectural form and detail of the building.		
4E-4 Private Open Space and Balconies	Complies.	Yes
Private open space and balcony design		
maximizes safety.		.,
4F-1 Common Circulation and Spaces	Complies.	Yes
Common circulation spaces achieve good		
amenity and properly service the number of		
apartments.		
4F-1 Common Circulation and Spaces -	Each level proposes 10 units operating	No, see discussion
Design Criteria	from a single circulation core, however,	in report.
	the common lobbies are provided	
The maximum number of apartments off a	adequate space and natural light	
circulation core on a single level is eight.	through windows. Furthermore two lifts are provided for the building to ensure	
For buildings of 10 storeys and over, the	reasonable wait times.	
maximum number of apartments sharing a		
single lift is 40.		
4F-2 Common Circulation and Spaces	Complies.	Yes
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Common circulation spaces promote safety		
and provide for social interaction between		
residents.		
4G-1 Storage	Complies.	Yes
Adoquato, well decigned storage is provided		
Adequate, well designed storage is provided in each apartments.		
4G-1 Storage - Design Criteria	Complies.	Yes
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In addition to storage in kitchens, bathrooms		
and bedrooms, the following storage is		
provided:		
0. "		
Studio apartments		
4m³.		
One bedroom apartments		
6m <sup>3</sup> .		
om .		
Two bedroom apartments		
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8m³.		
Three+ bedroom apartments 10m³.		
At least 50% of the required storage is to be located within the apartment.		
4G-2 Common Circulation and Spaces	Complies through the use of basement	Yes
	storage cages.	
Additional storage is conveniently located, accessible and nominated for individual		
apartments.		
4H-1 Acoustic Privacy	Complies.	Yes
Noise transfer is minimized through the siting		
of buildings and building layout.		
4H-2 Acoustic Privacy	Complies.	Yes
Noise impacts are mitigated within apartments		
through layouts and acoustic treatments.		
4J-1 Noise and Pollution	Complies.	Yes
In noisy or hostile environments the impacts of		
external noise and pollution are minimised through the careful siting and layout of		
buildings.		
4J-2 Noise and Pollution	Complies.	Yes
Appropriate noise shielding or attenuation		
techniques for the building design,		
construction and choice of materials are used to mitigate noise transmission.		
4K-1 Apartment Mix	Provided:	Yes
	10 x one bedroom	
A range of apartment types and sizes is provided to cater for different household types	30 x two bedroom 10 x three bedroom	
now and into the future.	TO X tillee bearboili	
4K-2 Apartment Mix	A range of units is provided on each	Yes
The apartment mix is distributed to suitable	level of the development.	
locations within the building.		
4L-1 Ground Floor Apartments	No ground floor units proposed.	Yes
Street frontage is maximized where ground		
floor apartments are located.		
4L-2 Ground Floor Apartments	No ground floor units proposed.	Yes
Design of ground floor apartments delivers		
amenity and safety for residents.		
4M-1 Facades	Facades are modern in language & reflect contemporary building methods	Yes
Building facades provide visual interest along	& include various techniques to create	
the street while respecting the character of the	visual & textural interest. Roughness of concrete surfaces are juxtaposed with	
local area.	the smooth surfaces such as metal	
	louvres and glazing. Projecting frames	

	define corners of building with building elements framing the front entry. Appropriate shading elements add texture to the façade articulation whilst	
4M-2 Facades  Building functions are expressed by the	providing shading.  The building is appropriately articulated to draw attention to clustered balconies and building entries and will address to all frontages.	Yes
façade.	•	
4N-1 Roof Design  Roof treatments are integrated into the building designed and positive respond to the streets.	The roof area consists of plant equipment and sky lights, which are setback from the edges of the building to ensure that it is not visible from the ground. All plant equipment will be appropriately screened.	Yes
4N-2 Roof Design	Complies.	Yes
Opportunities to use roof space for residential accommodation and open space are maximized.		
4N-3 Roof Design	Complies.	Yes
Roof design incorporates sustainability features.		
40-1 Landscape Design	A landscape plan was provided in	Yes
Landscape design is viable and sustainable.	support of the application and has been reviewed by Council's Landscaping Team, who have raised no objection subject to conditions.	
40-2 Landscape Design  Landscape design contributes to the	The proposed landscaping embellishments will contribute positively to the future streetscape.	Yes
streetscape and amenity.		
4P-1 Planting on Structures	Complies.	Yes
Appropriate soil profiles are provided.		
4P-2 Planting on Structures  Plant growth is optimized with appropriate selection and maintenance.	A large proportion of the landscaping proposed is to be planted in pots selected to optimize plant growth and reduce maintenance needs.	Yes
4P-3 Planting on Structures	Planting is proposed above the podium	Yes
Planting on structures contributes to the quality and amenity of communal and public open spaces.	level and to the perimeter of the larger building to soften the appearance of these parts of the building.	
4Q-1 Universal Design	5 adaptable apartment units are	Yes
Universal design features are included in apartment design to promote flexible housing for all community members.	proposed.	
4Q-2 Universal Design  A variety of apartments with adaptable designed are provided.	Adaptable units are located on all levels of the building. Further opportunity for variety of unit sizes will be available in future stages of residential development on the site.	Yes

4Q-3 Universal Design	Living/dining room layouts are flexible.	Yes
44-3 Olliversal Design	Studies could have other uses such as	163
Apartment layouts are flexible and	storage.	
accommodate a range of lifestyle needs.		
4S-1 Mixed Use  Active frontages are provided.	The ground floor of the building forms part of the Podium Shopping Centre and incorporates retail tenancies addressing the street with dedicated pedestrian paths.	Yes
4S-2 Mixed Use  Entries and car parking areas are separate.	Residential units are provided access through a separated entry foyer with elevators for the exclusive use of residents. A car park for residents is provided with physical separation from commercial parking. A portion of the residential car park is proposed to be temporarily used for commercial tenancies until the future residential stages are developed. These spaces will not be available to the general public and only the commercial office tenancies. The parking area will be secure and require keyed access.	Yes, conditions to reinforce
4T-1 Awnings and Signage	Complies.	Yes
Awnings are well located and complement and integrate with the building design.		
4T-2 Awnings and Signage	Signage not proposed at this stage.	NA
Signage responds to the context and desired streetscape character.		
4U-1 Energy Efficiency	Complies.	Yes
Development incorporates passive environmental design.		
4U-2 Energy Efficiency	Complies.	Yes
Development incorporates passive solar design to optimize heat storage in winter and reduce heat transfer in summer.		
4U-3 Energy Efficiency	Natural cross ventilation is optimised to	Yes
Adequate natural ventilation minimises the need for mechanical ventilation.	the units generally and natural ventilation is available to all habitable rooms.	
4V-1 Water Management and Conservation	Is able to comply	Yes
Potable water use is minimised.		
4V-2 Water Management and Conservation	A combination of OSD, rainwater tanks, and landscape gardens are proposed.	Yes
Urban stormwater is treated on site before being discharged to receiving waters.		
4V-3 Water Management and Conservation	Stormwater detention is located underground.	Yes
Flood management systems are integrated into the site design.		

4W-1 Waste Management  Waste storage facilities are designed to minimise impacts on the streetscape, building entry and amenity of residents.	The waste storage area in the basement area will not be visible from the street. The waste collection area is visible to the street, however, is within a loading dock area that has been colocated with retail loading and collection spaces.	Yes
4W-2 Waste Management  Domestic waste is minimised by providing safe and convenient source separation and recycling.	Separate chute systems encourage waste to be separated at each level of the building.	Yes
<b>4X-1 Building Maintenance</b> Building design detail provides protection from weathering.	Complies.	Yes
4X-2 Building Maintenance  Systems and access enable ease of maintenance.	Generally compliant, most windows are located within balcony areas and are fully opening to enable ease of cleaning without compromising safety.	Yes
4X-3 Building Maintenance  Material selection reduces ongoing maintenance costs.	A condition is recommended for graffiti resistant paint to be used. Sensors to control artificial lighting in common circulation spaces to achieve CPTED principals.	Yes